

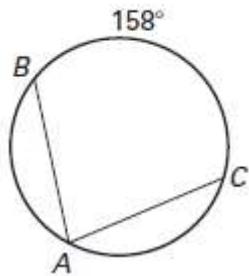
Name: \_\_\_\_\_ Date: \_\_\_\_\_

### Inscribed Angles

vertex is on the <b>center</b> of the circle		
vertex is on the <b>edge</b> of the circle		

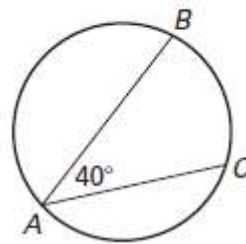
Solve for the indicated angle or arc.

1.  $m\angle A$

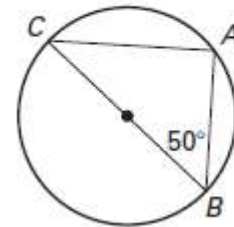


2.

$m\widehat{BC}$



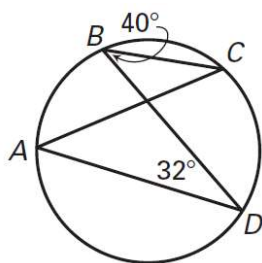
3.  $m\angle C$



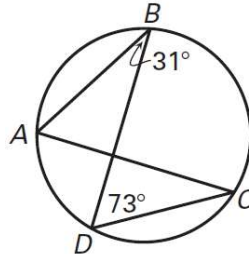
If two angles intercept the same arc...		
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Find the measure of angle A and angle C.

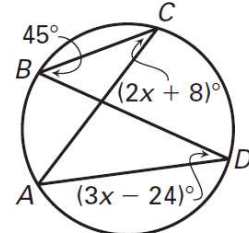
4.



5.

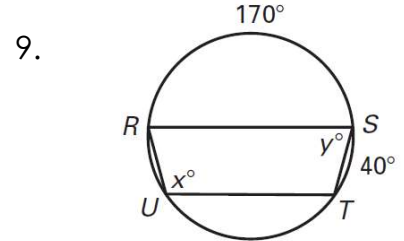
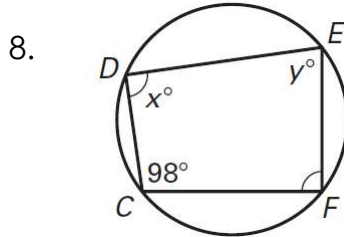
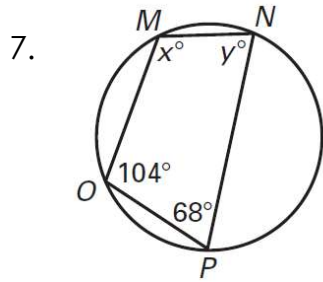


6.



<p>If a quadrilateral is inscribed in a circle...</p>		
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Solve for x and y.



**More Practice!**

10.  $m\angle PNO =$  \_\_\_\_\_

11.  $m\angle QNP =$  \_\_\_\_\_

12.  $m\widehat{PQ} =$  \_\_\_\_\_

13.  $m\widehat{QO} =$  \_\_\_\_\_

14.  $m\angle NMO =$  \_\_\_\_\_

15.  $m\widehat{NOP} =$  \_\_\_\_\_

16.  $m\angle QMP =$  \_\_\_\_\_

17.  $m\widehat{OQN} =$  \_\_\_\_\_

